

## **ABSTRACT**

The present invention relates to a vehicle position detector device that obtains the vehicle position information at lower cost and a method of confirming the moving  
5 vehicle current position. The vehicle position detector device measures respectively the velocity of both side wheels by use of the velocity sensitive elements mounted on both sides of the vehicle, and obtains the variation in the moving direction by calculation, the problem, in which the GPS may no longer work normally when the vehicle enters into tunnel, goes under elevated highway or  
10 into urban center ways that are surrounded by high buildings, could be resolved without the inertia navigation element. The method could eliminate the invalid data caused by the blocked or interfered GPS signal, and eliminate the accumulated error of the calculation result when calculating the position according to the velocity and direction, and continuously obtain the correct and effective vehicle  
15 position information.